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(71)Applicant : SONY CORP

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(72)Inventor : NISHINO YASUSHI

(54) BOTH-FACED LUMINOUS ORGANIC ELECTROLUMINESCENCE ELEMENT, BOTH-FACED LUMINOUS-TYPE ORGANIC ELECTROLUMINESCENCE DISPLAY DEVICE AND ELECTRONIC EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an organic EL element which emits light on both surfaces and which is able to project pictures on both surfaces by a display unit being composed of such a both-faced luminous organic EL element, the display device 1 and an electronic equipment using this.

SOLUTION: In the organic EL element wherein the both-faced luminous organic EL element 1A is constituted so that an electron carrier layer 6, an organic luminous layer 5 and a positive hole carrier layer 4 are laminated from the side of the cathode electrode 7 between the opaque cathode electrode 7 and the transparent anode electrode 3, a transparent light-conducting part is constituted to be formed at least in a part of the opaque cathode electrode 7.

